

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/50036

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7- B81B3/00 G01L9/00 A61B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B81B G01L A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 331 163 B1 (KAPLAN SHAY) 18 December 2001 (2001-12-18) figures 12-16 column 3, line 43 - line 60 column 12, line 45 - line 61 column 13, line 37 - line 67 column 14, line 37 - column 15, line 2	1-6, 18, 20, 27
X	US 5 512 374 A (HENCK STEVEN A ET AL) 30 April 1996 (1996-04-30) figure 3 column 2, line 41 - column 3, line 8 column 3, line 28 - column 7, line 20 ----- -/-	1-6, 17, 21

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

15 November 2004

Date of mailing of the international search report

30/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	US 5 067 491 A (WILLIAMS JOEL L ET AL) 26 November 1991 (1991-11-26) figure 3 column 2, line 27 - line 51 column 3, line 53 - column 5, line 41 -----	1-3, 18, 20, 27
X	EP 0 241 294 A (SUMITOMO ELECTRIC INDUSTRIES) 14 October 1987 (1987-10-14) figures 1, 2 column 1, line 25 - line 29 column 3, line 10 - column 4, line 13 -----	1-3, 18, 20, 27
A	US 5 567 297 A (MERTENS MARC ET AL) 22 October 1996 (1996-10-22) column 1, line 6 - line 50 column 2, line 26 - line 45 column 4, line 46 - line 57 column 6, line 5 - column 29 -----	1-32
A	US 4 722 348 A (LEUVELD JOZEF G M ET AL) 2 February 1988 (1988-02-02) column 6, line 10 - line 23; figure 2 -----	1-6
A	CUI X ET AL: "Electrochemical deposition and characterization of conducting polymer polypyrrole/PSS on multichannel neural probes" SENSORS AND ACTUATORS A, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 93, no. 1, 25 August 2001 (2001-08-25), pages 8-18, XP004255500 ISSN: 0924-4247 paragraphs '0001!, '02.1!, '02.2! -----	1-6

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